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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/073,284	02/13/2002	Hirokazu Yamagata	740756-2435	3476
22204	7590	10/21/2004	EXAMINER	
NIXON PEABODY, LLP 401 9TH STREET, NW SUITE 900 WASHINGTON, DC 20004-2128			FOURSON III, GEORGE R	
			ART UNIT	PAPER NUMBER
			2823	

DATE MAILED: 10/21/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action	Application No.	Applicant(s)
	10/073,284	YAMAGATA ET AL.
	Examiner	Art Unit
	George Fourson	2823

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 07 September 2004 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

- a) The period for reply expires 4 months from the mailing date of the final rejection.
- b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. The proposed amendment(s) will not be entered because:
 - (a) they raise new issues that would require further consideration and/or search (see NOTE below);
 - (b) they raise the issue of new matter (see Note below);
 - (c) they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 - (d) they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: See Continuation Sheet.

3. Applicant's reply has overcome the following rejection(s): _____.
4. Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____.

Claim(s) objected to: _____.

Claim(s) rejected: _____.

Claim(s) withdrawn from consideration: _____.

8. The drawing correction filed on _____ is a)a) approved or b) disapproved by the Examiner.

9. Note the attached Information Disclosure Statement(s)(PTO-1449) Paper No(s). _____.

10. Other: PTO-1449 filed 12/11/03 attached



George Fourson
Primary Examiner
Art Unit: 2823

Continuation of 2. NOTE: The proposed amendments to claims 70 and 72 raise new issues requiring further consideration and/or search in stating the order of forming the organic film and moving the substrate from one processing area to another.

Continuation of 5. does NOT place the application in condition for allowance because: applicant argues that Sakata et al is directed to an apparatus and that Sakata is directed to contamination within a clean room as opposed to contamination occurring between clean rooms. However, the disclosure related to an apparatus is not relied upon for the purposes of the rejections under 35 USC 103. Also, in column 1, the reference discloses that in the manufacturing of an LCD substrate about 80 steps are required and that it is not possible to continuously convey the substrate from step to step. As a result intermediate products are held in storage areas where contamination occurs, implying that the wafers are moved from one step to the storage areas and then moved from those areas to the next step. The reference explicitly discloses LCD substrates finished up to the formation of circuitry. In view of this disclosure one of ordinary skill in the art would have been motivated to apply the protective film of Satoh et al at the recited point in the process because it would prevent contamination resulting between steps of the AAPA process in the event storage is employed as suggested by Sakata et al.

Applicant argues that the proposed combination of references does not contain disclosure of formation of an organic conductive film. However, Montgomery et al is relied on as in paragraph 15 of the office action mailed 2/10/03 as providing motivation to form protective film 20, such as polyaniline, as the protective film of the combination by spin coating for prevention of contaminants during storage which film is removable in subsequent process steps.

In response to applicant's request to identify the subject matter taken as admitted prior art, reliance is on the processing related to the structure of figure 2 (instant page 2, line 28 - page 3, line 6).

The drawing correction filed 6/10/03 is approved.

The amendments not identified as raising new issues requiring further consideration and/or search would be entered for purposes of appeal if submitted in a separately filed amendment.